

Folding Paperboard Box Manufacturing: 2002

Issued December 2004

EC02-311-322212 (RV)

2002 Economic Census

Manufacturing

Industry Series



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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)	
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)					
322212, Folding paperboard box manufacturing	2002..	345	490	38 398	1 499 759	30 893	65 208	1 055 469	3 744 935	4 351 896	8 070 852	'305 389
	2001..	N	N	43 618	1 664 152	35 094	74 874	1 149 350	3 807 303	4 723 693	8 570 421	296 736
	2000..	N	N	46 677	1 791 259	37 725	80 707	1 238 271	4 146 607	4 773 462	8 931 413	368 912
	1999..	N	N	47 584	1 759 206	38 480	83 656	1 210 841	4 017 143	4 691 093	8 701 477	433 617
	1998..	N	N	50 798	1 794 138	40 637	85 131	1 235 569	4 154 589	5 045 175	9 223 520	409 257
	1997..	434	582	50 465	1 745 178	40 114	87 845	1 195 314	4 118 767	4 802 008	8 929 351	443 225

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
322212, Folding paperboard box manufacturing												
United States	1	490	338	38 398	1 499 759	30 893	65 208	1 055 469	3 744 935	4 351 896	8 070 852	'305 389
Alabama	1	10	9	795	26 668	716	1 489	22 273	44 155	82 540	129 510	'2 325
California	2	44	30	2 869	121 983	2 296	4 922	84 568	287 879	345 235	629 946	'24 391
Colorado	—	6	5	538	22 822	411	853	15 475	40 325	78 691	120 395	2 379
Connecticut	1	11	9	812	31 923	656	1 408	21 907	69 003	65 522	133 927	'7 414
Florida	—	13	5	723	28 249	523	1 090	15 251	70 062	55 313	125 828	'3 032
Illinois	1	42	24	2 942	122 590	2 421	4 991	87 908	295 048	383 341	668 861	'29 289
Indiana	4	17	13	1 485	59 280	1 162	2 607	41 269	154 124	171 099	316 566	'6 353
Kentucky	2	5	4	538	21 102	456	1 071	16 384	55 125	66 822	120 030	'2 142
Massachusetts	2	15	10	1 193	43 376	928	1 854	28 010	83 839	96 081	179 099	'6 651
Michigan	1	13	10	762	31 232	612	1 276	21 724	74 932	101 482	174 238	'4 368
Minnesota	—	13	9	898	40 416	705	1 452	27 752	84 652	117 231	203 533	'7 745
Missouri	—	13	9	1 470	58 403	1 224	2 517	45 527	131 971	173 372	301 834	'8 325
Nebraska	—	4	4	594	21 074	432	902	12 567	52 980	58 696	111 403	2 989
New Jersey	3	30	15	1 881	85 517	1 483	3 155	55 750	199 276	143 400	338 352	'10 645
New York	1	28	16	1 589	67 600	1 162	2 359	39 307	140 905	107 120	248 986	'9 908
North Carolina	—	27	24	2 982	109 605	2 350	4 897	77 688	257 351	287 516	544 485	'24 197
Ohio	—	35	24	2 800	107 899	2 231	4 625	74 626	285 931	331 991	613 752	'20 108
Pennsylvania	2	31	17	1 180	44 119	960	2 022	31 470	108 921	116 089	225 701	'9 104
Rhode Island	—	4	2	239	9 591	145	299	5 429	20 654	10 146	30 770	'622
Tennessee	—	21	18	2 468	86 437	1 986	4 256	60 714	238 232	243 333	480 345	'34 162
Texas	1	16	13	1 292	39 245	1 101	2 531	29 459	155 991	151 520	311 999	'8 377
Wisconsin	—	12	11	1 419	63 740	1 165	2 613	47 641	179 672	185 309	359 626	'10 977

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
322212, Folding paperboard box manufacturing	
Companies ¹	number.. 345
All establishments ²	number.. 490
Establishments with 1 to 19 employees	number.. 152
Establishments with 20 to 99 employees	number.. 189
Establishments with 100 employees or more	number.. 149
All employees ³	number.. 38 398
Total compensation	\$1,000.. 1 889 199
Annual payroll	\$1,000.. 1 499 759
Total fringe benefits	\$1,000.. 389 440
Production workers, average for year	number.. 30 893
Production workers on March 12	number.. 30 963
Production workers on May 12	number.. 30 802
Production workers on August 12	number.. 30 709
Production workers on November 12	number.. 31 021
Production worker hours	1,000.. 65 208
Production worker wages	\$1,000.. 1 055 469
Total cost of materials	\$1,000.. 4 351 896
Materials, parts, containers, packaging, etc., used	\$1,000.. 4 031 410
Resales	\$1,000.. 150 673
Purchased fuels	\$1,000.. 22 520
Purchased electricity	\$1,000.. 84 481
Contract work	\$1,000.. 62 812
Quantity of electricity purchased for heat and power	1,000 kWh.. 1 320 889
Quantity of electricity generated less sold for heat and power	1,000 kWh.. S
Total value of shipments	\$1,000.. 8 070 852
Primary products value of shipments	\$1,000.. 7 512 697
Secondary products value of shipments	\$1,000.. 339 853
Total miscellaneous receipts	\$1,000.. 218 302
Value of resales	\$1,000.. 165 859
Contract receipts	\$1,000.. 4 494
Other miscellaneous receipts	\$1,000.. 47 949
Primary products specialization ratio	percent.. 96
Value of primary products shipments made in all industries	\$1,000.. 8 054 665
Value of primary products shipments made in this industry	\$1,000.. 7 512 697
Value of primary products shipments made in other industries	\$1,000.. 541 968
Coverage ratio	percent.. 93
Value added	\$1,000.. 3 744 935
Total inventories, beginning of year	\$1,000.. 840 088
Finished goods inventories	\$1,000.. 471 403
Work-in-process inventories	\$1,000.. 115 512
Materials and supplies inventories	\$1,000.. 253 173
Total inventories, end of year	\$1,000.. 876 140
Finished goods inventories	\$1,000.. 489 854
Work-in-process inventories	\$1,000.. 123 040
Materials and supplies inventories	\$1,000.. 263 246
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. '3 943 353
Total capital expenditures (new and used)	\$1,000.. '305 389
Buildings and other structures (new and used)	\$1,000.. '28 140
Machinery and equipment (new and used)	\$1,000.. '277 249
Automobiles, trucks, etc., for highway use	\$1,000.. '4 387
Computers and peripheral data processing equipment	\$1,000.. '16 142
All other expenditures for machinery and equipment	\$1,000.. '256 720
Total retirements	\$1,000.. '165 592
Gross value of depreciable assets at end of year	\$1,000.. '4 083 150
Depreciation charges during year	\$1,000.. '284 492
Total rental payments	\$1,000.. 122 285
Buildings and other structures	\$1,000.. 65 000
Machinery and equipment	\$1,000.. 57 285
Total other expenses ⁴	\$1,000.. 620 553
Response coverage ratio ⁵	percent.. 84
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 99 853
Communications services ⁴	\$1,000.. 11 119
Legal services ⁴	\$1,000.. 7 924
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 5 341
Advertising and promotional services ⁴	\$1,000.. 5 027
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 7 175
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 8 949
Management consulting and administrative services ⁴	\$1,000.. 9 258
Taxes and license fees ⁴	\$1,000.. 23 295
All other expenses ⁴	\$1,000.. 417 220

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
322212, Folding paperboard box manufacturing											
All establishments	1	490	38 398	1 499 759	30 893	65 208	1 055 469	3 744 935	4 351 896	8 070 852	'305 389
Establishments with—											
1 to 4 employees	6	55	c	D	D	D	D	D	D	D	D
5 to 9 employees	6	42	281	10 853	228	488	8 006	35 038	32 791	67 688	'1 356
10 to 19 employees	6	55	746	28 645	574	1 235	20 237	73 118	90 592	163 281	'7 009
20 to 49 employees	2	103	3 387	121 440	2 587	5 345	78 265	324 313	336 952	667 098	'52 945
50 to 99 employees	1	86	6 433	242 365	4 973	10 237	154 111	557 498	541 187	1 102 556	'30 446
100 to 249 employees	—	127	20 421	800 371	16 604	35 640	569 794	1 978 401	2 338 721	4 293 385	'155 403
250 to 499 employees	—	21	6 459	270 509	5 356	11 058	205 599	697 041	933 309	1 617 716	'52 196
500 to 999 employees	—	1	f	D	D	D	D	D	D	D	D
1,000 to 2,499 employees	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	9	120	916	36 245	763	1 658	27 363	79 301	105 897	185 197	'3 970

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
322212	Folding paperboard box manufacturing	490	38 398	1 499 759	30 893	65 208	1 055 469	3 744 935	4 351 896	8 070 852	'305 389
3222120	Folding paperboard boxes, packaging, and packaging components	488	38 260	1 493 837	30 775	64 936	1 050 804	3 741 365	4 346 804	8 062 409	'304 811

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. Products Statistics: 2002 and 1997

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
322212	Folding paperboard box manufacturing	2002.. N 1997.. N	X X	X X	8 054 665 8 564 381
3222120	Folding paperboard boxes, packaging, and packaging components	2002.. N 1997.. N	X X	X X	8 054 665 8 564 381
32221201	Folding paperboard boxes for dry food and produce, including pet and animal food	2002.. N 1997.. N	X X	X X	1 177 342 869 959
3222120111	Folding paperboard boxes for dry food and produce, including pet and animal food	1,000 s tons.. 2002.. 74 1997.. 74	X X	S S	1 177 342 869 959
32221202	Folding paperboard boxes for bottled and canned beverages, including carriers for alcoholic and nonalcoholic beverages	2002.. N 1997.. N	X X	X X	1 261 560 888 345
3222120221	Folding paperboard boxes for bottled and canned beverages, including carriers for alcoholic and nonalcoholic beverages	1,000 s tons.. 2002.. 31 1997.. 34	X X	S S	1 261 560 888 345
32221203	Folding paperboard boxes for cosmetics and medicinal products	2002.. N 1997.. N	X X	X X	544 666 752 134
3222120331	Folding paperboard boxes for cosmetics	2002.. 62 1997.. 73	X X	X X	232 828 298 555
3222120335	Folding paperboard boxes for medicinal products	2002.. 70 1997.. 85	X X	X X	311 838 453 579
32221204	Folding paperboard boxes for paper goods or products, including book mailers	2002.. N 1997.. N	X X	X X	451 454 383 201
3222120441	Folding paperboard boxes for paper goods or products, including book mailers	1,000 s tons.. 2002.. 59 1997.. 83	X X	S S	451 454 383 201
32221205	Folding paperboard boxes for fresh bakery products, butter, and ice cream and food pails	2002.. N 1997.. N	X X	X X	445 183 537 496
3222120551	Folding paperboard boxes for fresh bakery products	1,000 s tons.. 2002.. 43 1997.. 57	X X	S S	286 459 254 949
3222120555	Folding paperboard boxes for butter and ice cream and food pails	1,000 s tons.. 2002.. 22 1997.. 38	X X	S S	158 724 282 547
32221206	Folding paperboard boxes and packaging components for all other end uses	2002.. N 1997.. N	X X	X X	3 235 152 4 105 083
3222120661	Folding paperboard boxes for biscuits and crackers	1,000 s tons.. 2002.. 24 1997.. 39	X X	S S	151 616 230 122
3222120663	Folding paperboard boxes for candy	2002.. 65 1997.. 73	X X	X X	214 905 230 058
3222120665	Folding paperboard boxes for processed meats, margarine, lard, and shortening	1,000 s tons.. 2002.. 36 1997.. 30	X X	S S	132 333 146 010
3222120667	Folding paperboard boxes for frozen foods	1,000 s tons.. 2002.. 50 1997.. 53	X X	S S	699 844 426 159
3222120671	Folding paperboard carryout boxes and trays for retail food	1,000 s tons.. 2002.. 32 1997.. 39	X X	S S	304 718 395 806
3222120673	Folding paperboard boxes for sporting goods, toys, and photographic equipment	1,000 s tons.. 2002.. 56 1997.. 58	X X	S S	127 707 165 488
3222120675	Folding paperboard boxes for soaps and detergents	1,000 s tons.. 2002.. 25 1997.. 40	X X	S S	139 897 308 885
3222120677	Folding paperboard boxes for tobacco	1,000 s tons.. 2002.. 18 1997.. 18	X X	S S	135 589 365 543
3222120681	Folding paperboard boxes for hardware and household supplies	2002.. 82 1997.. 117	X X	X X	344 917 523 133
3222120683	Paperboard backs for blister and skin packaging	2002.. 26 1997.. 37	X X	X X	102 589 160 350
3222120691	Folding paperboard boxes, packaging, and packaging components for all other end uses	2002.. 126 1997.. 187	X X	X X	881 037 1 153 529
3222120Y	Folding paperboard boxes, packaging, and packaging components, nsk, total	2002.. N 1997.. N	X X	X X	939 308 1 028 163
3222120YWW	Folding paperboard boxes, packaging, and packaging components, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	758 489 886 199
3222120YWY	Folding paperboard boxes, packaging, and packaging components, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	180 819 141 964

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. **Product Class Shipments for Selected States: 2002 and 1997**

[Not applicable for this report.]

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
322212	Folding paperboard box manufacturing		
00900001	Total materials .....2002..	X	4 031 410
	.....1997..	X	4 382 436
32210005	Paper and paperboard (excluding boxes and containers) 1,000 s tons .....2002..	S	2 779 749
	.....1997..	q4 978.8	3 071 644
32610021	Fabricated plastics products (including closures, ends, film, strapping, etc.) .....2002..	X	36 967
	.....1997..	X	50 322
33120016	Steel sheet and strip (including tinplate) .....2002..	X	D
	.....1997..	X	N
33131503	Aluminum sheet, plate, and foil .....2002..	X	18 350
	.....1997..	X	20 303
33211500	Metal closures and crowns for containers .....2002..	X	D
	.....1997..	X	D
32410009	Petroleum wax mil lb .....2002..	S	4 983
	.....1997..	S	6 440
32552002	Glues and adhesives .....2002..	X	22 004
	.....1997..	X	N
32591003	Printing inks mil lb .....2002..	S	192 044
	.....1997..	S	210 940
00970099	All other materials and components, parts, containers, and supplies .....2002..	X	430 496
	.....1997..	X	539 707
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	541 882
	.....1997..	X	482 868

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.